# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| In re application: **Brooks et al.** | § | Group Art Unit: **2195** |
| | § | |
| | § | Examiner: **Tang, Kenneth** |
| Serial No.: **10/751,317** | § | |
| | § | Confirmation No.: **2020** |
| Filed: **January 2, 2004** | § | |
| | § | Attorney Docket No.: **AUS920030294US1** |
| For: **Method, System, and Product for** | § | |
| **Defining and Managing Provisioning** | § | |
| **States for Resources in Provisioning** | | |
| **Data Processing Systems** | | |

**37945**

## AMENDMENT UNDER C.F.R. § 1.312

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

No fees are believed to be required. If, however, any fees are required, I authorize the Commissioner to charge these fees which may be required to IBM Corporation Deposit Account No. 09-0457. No extension of time is believed to be necessary. If, however, an extension of time is required, the extension is requested, and I authorize the Commissioner to charge any fees for this extension to IBM Corporation Deposit Account No. 09-0457.

Proposed amendments to the claims begin on page 2 of this paper.

## IN THE CLAIMS:

1.      (Previously Presented)  A method for managing the provisioning of a plurality of different types of resources in a data processing system, said method comprising:

defining a plurality of provisioning states for each one of said plurality of different types of resources, wherein each one of said plurality of different types of resources is associated with at least one of a capability specification and an implementation specification, and wherein said plurality of different types of resources are grouped according to the specification;

defining relationships among said plurality of provisioning states, said relationships describing valid transitions from ones of said plurality of provisioning states to other ones of said plurality of provisioning states;

generating a state diagram for each one of said plurality of different types of resources, each one of said plurality of different types of resources being associated with one of said state diagrams, wherein each one of said state diagrams describing valid transitions for said plurality of provisioning states defined for each one of said plurality of different types of resources; and

defining at least one task that is associated with each one of said valid transitions, wherein defining at least one task that is associated with each one of said valid transitions comprises:

specifying a plurality of tasks for each one of said valid transitions;

specifying a sequence for completion for said plurality of tasks for each one of  said valid transitions, said plurality of tasks being required to be completed in said sequence in order to complete each one of said valid transitions; and

providing said plurality of tasks in said sequence as a module that will complete one of said valid transitions when said module is executed; and

utilizing said module to complete said one of said valid transitions for each one of said plurality of different types of resources, wherein the same module is used regardless of which resource type is being transitioned.

2-10.   (Canceled)

11.    (Currently Amended)  A data processing system for managing the provisioning of a plurality of different types of resources in a data processing system, comprising:

a set of instructions; and

a processor, wherein the processor executes the set of instructions to define a plurality of provisioning states for each one of said plurality of different types of resources, wherein each one of said plurality of different types of resources is associated with at least one of a capability specification and an implementation specification, and wherein said plurality of different types of resources are grouped according to the specification;

wherein the processor executes the set of instructions to define relationships among said plurality of provisioning states, said relationships describing valid transitions from ones of said plurality of provisioning states;

wherein the processor executes the set of instructions to generate a state diagram for each one of said plurality of different types of resources, each one of said plurality of different types of resources being associated with one of said state diagrams,

wherein each one of said state diagrams describing valid transitions for said plurality of provisioning states defined for each one of said plurality of different types of resources;

wherein the processor executes the set of instructions to define at least one task that is associated with each one of said valid transitions, wherein the processor ~~further executes~~ executing the set of instructions to define at least one task that is associated with each one of said valid transitions <u>further</u> comprises <u>the processor executing the set of instructions</u> to specify a plurality of tasks for each one of said valid transitions, to specify a sequence for completion for said plurality of tasks for each one of said valid transitions, said plurality of tasks being required to be completed in said sequence in order to complete each one of said valid transitions, and to provide said plurality of tasks in said sequence as a module that will complete one of said valid transitions when said module is executed; and

wherein the processor executes the set of instructions to utilize said module to complete said one of said valid transitions for each one of said plurality of different types

of resources, wherein the same module is used regardless of which resource type is being transitioned.

12-19. (Canceled)

20.     (Previously Presented)  A computer program product stored on a computer usable storage medium for managing the provisioning of a plurality of different types of resources in a data processing system, said product comprising:

instructions for defining a plurality of provisioning states for each one of said plurality of different types of resources, wherein each one of said plurality of different types of resources is associated with at least one of a capability specification and an implementation specification, and wherein said plurality of different types of resources are grouped according to the specification;

instructions for defining relationships among said plurality of provisioning states, said relationships describing valid transitions from ones of said plurality of provisioning states to other ones of said plurality of provisioning states;

instructions for generating a state diagram for each one of said plurality of different types of resources, each one of said plurality of different types of resources being associated with one of said state diagrams, wherein each one of said state diagrams describing valid transitions for said plurality of provisioning states defined for each one of said plurality of different types of resources; and

instructions for defining at least one task that is associated with each one of said valid transitions, wherein said instruction means for defining at least one task that is associated with each one of said valid transitions comprises:

instructions for specifying a plurality of tasks for each one of said valid transitions;

instructions for specifying a sequence for completion for said plurality of tasks for each one of said valid transitions, said plurality of tasks being required to be completed in said sequence in order to complete each one of said valid transitions; and

instructions for providing said plurality of tasks in said sequence as a module that will complete one of said valid transitions when said module is executed; and

instructions for utilizing said module to complete said one of said valid transitions for each one of said plurality of different types of resources, wherein the same module is used regardless of which resource type is being transitioned.


21-27. (Canceled)

## REMARKS

Claims 1, 11 and 20 have previously been allowed, as indicated by the Notice of Allowance mailed on June 3, 2009. Claim 11 is being amended herewith to correct informalities.

Examiner Kenneth Tang indicated that this amendment will be entered because only a correction of informalities of claims is occurring. Consequently, Applicants respectfully request entry of this amendment after allowance pursuant to 37 C.F.R. § 1.312. The Examiner is invited to call the undersigned at the below-listed telephone number if there are any questions concerning these proposed amendments.

DATE: August 25, 2009

Respectfully submitted,

/Neil G. Ferrari/

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